

# PATENT COOPERATION TREATY

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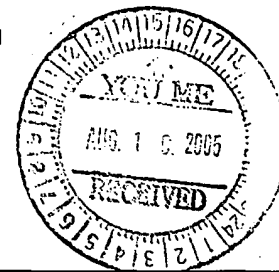
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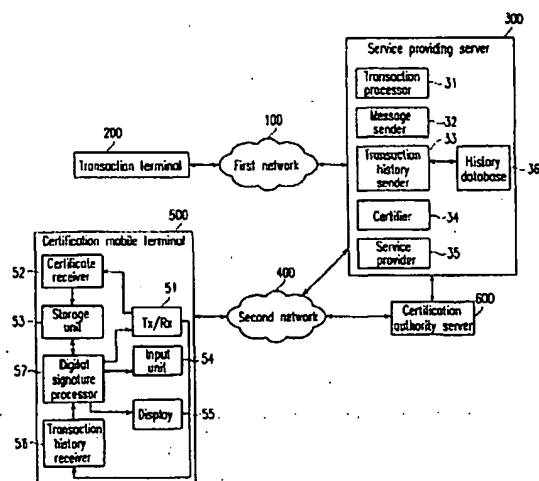
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(54) Title: **CERTIFICATION MOBILE TERMINAL AND ELECTRONIC COMMERCE SYSTEM AND METHOD USING THE SAME**



(57) Abstract: Disclosed are a certification mobile terminal (500), and an electronic transaction system and method using the same. A certificate is downloaded to a mobile terminal (500) from a certification authority (600). In a wired electronic transaction, a user's transaction history is provided to the mobile terminal (500) from a service providing server (300) or a user's transaction terminal (200), and the mobile terminal (500) digitally signs the transaction history by using a stored digital certificate and provides the digitally signed transaction history to the service providing server (300) or the transaction terminal (200) so that the service providing server (300) may finally receive the digitally signed transaction history. The service providing server (300) settles the transaction with the user according to the digitally signed transaction history, and provides a service to the user. Also, in the offline transaction, the certificate stored in the mobile terminal (500) is provided to a system to thereby execute stable transactions based on the certificate.

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